



Air Force Research Laboratory|AFRL

Science and Technology for Tomorrow's Air and Space Force

Success Story

DR. YOLANDA JONES KING NAMED AIAA FELLOW



The American Institute of Aeronautics and Astronautics (AIAA) is the world's largest professional society devoted to the progress of engineering and science in aviation, space, and defense. The AIAA elects only one Fellow each year for every 1,000 voting members of AIAA, making Fellows part of a select group. The AIAA honors Fellows for making notable contributions to the arts, sciences, or technology of aeronautics or astronautics.



Air Force Research Laboratory
Wright-Patterson AFB OH

Accomplishment

The AIAA recently named Dr. Yolanda Jones King, Technical Advisor in the Space Technology Division, Space Vehicles Directorate, a Fellow for 2003. Dr. King serves as technical advisor for the directorate's Spacecraft Technology Division on a wide spectrum of space research including many facets of active and passive sensing and processing, cryogenic cooling, hyperspectral and polarimetric imaging, active and passive means to eliminate/mitigate man-made and natural threats to space systems, and development/transition of space power and structures.

Background

Dr. King has a bachelor's degree in chemistry and a doctorate in physical chemistry from the University of New Mexico. Her doctoral research was in chemical kinetics for high-energy laser systems.

Dr. King spent 7 years at the (now) AFRL-Phillips Site in directed energy research obtaining a patent in beam sensing. She then managed the Strategic Defense Initiative technology program (\$300M/year) within the USAF laboratories and served as the division chief for that activity within the Air Force Space Technology Center and then Phillips Laboratory.

Dr. King served as a Congressional Fellow for Representative Ron Dellums advising on science and technology. She is currently the US lead for the North Atlantic Treaty Organization's Sensors & Electronics Technology Panel.

Dr. King led the space-based radar integrated product team (the directorate in conjunction with the Space & Missile Systems Center), and the United States/United Kingdom/Canada coalition space-based surveillance program. She also served as director of AFRL's International Office in Arlington, Virginia (at the Air Force Office of Scientific Research) for a 2-year period.

Dr. King authored more than 30 publications and presentations and served on many organizing committees for both national and international meetings and symposiums. She also served on several technical committees of professional societies.

Additional information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (03-VS-22)

Space Vehicles
Awards and Recognition